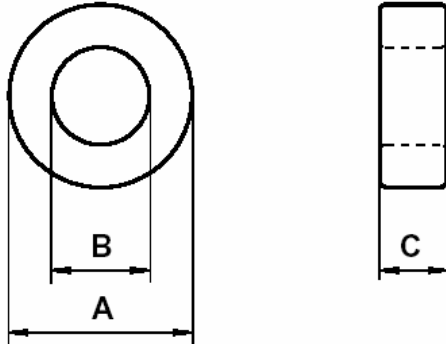




Specification for:  
**0W48613TC**

110 Delta Drive  
 Pittsburgh, PA 15238  
 Phone: 412/696-1333  
 Fax: 412/696-0333  
 Email:magnetics@spang.com

**DIMENSIONS**



| (mm)     | Uncoated Nominal: | Min:  | Max:  |
|----------|-------------------|-------|-------|
| O.D. (A) | 85.7              | 83.77 | 87.63 |
| I.D. (B) | 55.5              | 53.64 | 57.63 |
| Ht. (C)  | 12.7              | 12.11 | 13.29 |

| Eff. Parameters                |                   |                                |
|--------------------------------|-------------------|--------------------------------|
| A <sub>e</sub> mm <sup>2</sup> | l <sub>e</sub> mm | V <sub>e</sub> mm <sup>3</sup> |
| 189                            | 215               | 40582                          |

**INDUCTANCE**

| AL value (nH/T <sup>2</sup> ) | Test conditions                              |
|-------------------------------|--|
| 11040 ± 30%                   | 10 kHz, 0.5 mT (For N = 5, use 1.0 mA), 25°C |

**ELECTRICAL LOSSES**

| tan δ / μ <sub>i</sub>   | Production lot limit Average | Test conditions |              |
|--------------------------|------------------------------|-----------------|--------------|
| ≤ 4.1 · 10 <sup>-6</sup> | ≤ 3.5 · 10 <sup>-6</sup>     | 10 kHz          | 0.5 mT, 25°C |
| ≤ 60 · 10 <sup>-6</sup>  | ≤ 50 · 10 <sup>-6</sup>      | 100 kHz         |              |

**COATING**

|          |
|----------|
| Uncoated |
|----------|

**NOTE**

| Spec. Modifications | Previous               | Revised                 |
|---------------------|------------------------|-------------------------|
| 2006.01.13          | LF: General W material | LF: Detail as indicated |